IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC
OP.O. Box 19928
GAlexandria, Virginia 22320
CTelephone: (703) 836-6400
in Facsimile: (703) 836-2787
Customer Number: 25944

P.O. Box 1450

Sir:

Commissioner for Patents

Alexandria, VA 22313-1450

Attorney Docket No.: 117038

Date: September 4, 2003

MAIL STOP PATENT APPLICATION

NONPROVISIONAL APPLICATION TRANSMITTAL RULE §1.53(b)

15757 U.S. PTO 10/654421

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title): By (Inventors):		METHOD OF MANUFACTURING THIN-FILM MAGNETIC HEAD Yoshitaka SASAKI; Hiroyuki ITOH; Shigeki TANEMURA; Kazuo ISHIZAKI; Takehiro KAMIGAWA					

CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE

FOR:	NO. FILED	NO. EXTRA					
BASIC FEE							
TOTAL CLAIMS	9 - 20	= 0					
INDEP CLAIMS	1 - 3	= 0					
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED							

* If the difference is less than zero, enter "0".

OTHER THAN A ALL ENTITY SMALL ENTITY

SWIALL	ENILLI		SWIALL	PHILLE		
RATE	FEE	<u>OR</u>	RATE	FEE		
	\$ 375	<u>OR</u>		\$ 750		
x 9=	\$	<u>OR</u>	x 18	\$		
x 42 =	\$	<u>OR</u>	x 84	\$		
+ 140 =	\$	<u>OR</u>	+ 280	\$		
TOTAL	\$	<u>OR</u>	TOTAL	\$ 750		

Check No. 145876 in the amount of \$750 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

Registration No. 27,075

Joel S. Armstrong Registration No. 36,430

 \boxtimes

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PL P.O. Box 19928				Attorney Do	cket No.:	117038			
Alexandria, Virginia 2 Felephone: (703) 836- Facsimile: (703) 836-2	6400	Date: September 4, 20 MAIL STOP PATENT APPLICATION					r 4, 2003		
Customer Number:	NO	NONPROVISIONAL APPLICATION TRANSMITTAL RULE §1.53(b)					TTAL		
Commissioner for Pater P.O. Box 1450 Alexandria, VA 22313-					·	, ,			
Sir:									
Transmitted herewith fo	or filing under 37 (C.F.R. §1.53(b) is the r	on	provisional p	atent applica	ation			
For (Title):	METHOD OF M	IANUFACTURING T	HIN	N-FILM MAC	GNETIC HE	AD			
By (Inventors):	Yoshitaka SASA KAMIGAWA	KI; Hiroyuki ITOH; S	hig	eki TANEM	JRA; Kazuc	ISHIZA	KI; Takehiro		
Formal drawings (Figs. 1A-19B; 14 sheets) are attached. Use Figure for front page of Publication. A Declaration and Power of Attorney is filed herewith. This application claims benefit of Provisional Application No filed (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.) This patent application is assigned to HEADWAY TECHNOLOGIES, INC. and SAE MAGNETICS (H.K.) LTD. The executed Assignment is filed herewith. An Information Disclosure Statement is filed herewith. Entitlement to small entity status is hereby asserted. A Preliminary Amendment is filed herewith. Priority of foreign application(s) No filed in is claimed (35 U.S.C. §119). A certified copy of the above corresponding foreign application(s) is filed herewith. This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing. The filing fee is calculated below: CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE OTHER THAN A SMALL ENTITY									
FOR:	NO. FILED	NO. EXTRA		RATE	FEE	<u>OR</u>	RATE	FEE	
BASIC FEE	· · · · · · · · · · · · · · · · · · ·	1			\$ 375	<u>OR</u>		\$ 750	
TOTAL CLAIMS	9 - 20	= 0		x 9=	\$	<u>OR</u>	x 18	\$	
INDEP CLAIMS	1 - 3	= 0		x 42 =	\$	<u>OR</u>	x 84	\$	
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED				+ 140=	\$	<u>OR</u>	+ 280	\$	
* If the difference is Check No. 1458	-	iter "0". of \$750 to cover the f		TOTAL	\$	<u>OR</u>	TOTAL	\$ 750	

Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

Registration No. 27,075

Joel S. Armstrong Registration No. 36,430

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PL P.O. Box 19928 Alexandria, Virginia 2 Felephone: (703) 836-4 Facsimile: (703) 836-2		Date: September 4, 2003 MAIL STOP PATENT APPLICATION						_		
Customer Number: 25944 NON			NPR	PROVISIONAL APPLICATION TRANSMITTAL RULE §1.53(b)						
Commissioner for Paten P.O. Box 1450 Alexandria, VA 22313-										
Sir:										
Transmitted herewith fo	or filing under 37 C	C.F.R. §1.53(b) is the n	onpi	rovisional pa	atent applica	tion				
For (Title):	METHOD OF M	ANUFACTURING TI	HIN-	FILM MAC	NETIC HEA	AD				
By (Inventors):	Yoshitaka SASA KAMIGAWA	KI; Hiroyuki ITOH; S	higel	ki TANEMU	JRA; Kazuo	ISHIZA	KI; Takehiro			
Formal drawings (Figs. 1A-19B; 14 sheets) are attached. Use Figure for front page of Publication. A Declaration and Power of Attorney is filed herewith. This application claims benefit of Provisional Application No filed (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.) This patent application is assigned to HEADWAY TECHNOLOGIES, INC. and SAE MAGNETICS (H.K.) LTD. The executed Assignment is filed herewith. An Information Disclosure Statement is filed herewith. Entitlement to small entity status is hereby asserted. A Preliminary Amendment is filed herewith. Priority of foreign application(s) No filed in is claimed (35 U.S.C. §119). A certified copy of the above corresponding foreign application(s) is filed herewith. This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing. CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE SMALL ENTITY SMALL ENTITY										
FOR:	NO. FILED	NO. EXTRA		RATE	FEE	<u>OR</u>	RATE	FEE		
BASIC FEE					\$ 375	<u>OR</u>	:	\$ 750		
TOTAL CLAIMS	9 - 20	= 0		x 9=	\$	<u>OR</u>	x 18	\$		
INDEP CLAIMS	1 - 3	= 0		x 42 =	\$	<u>OR</u>	x 84	\$		
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED				+ 140 =	\$	<u>OR</u>	+ 280	\$		
* If the difference is less than zero, enter "0".				TOTAL	S	OR	TOTAL	\$ 750		

Check No. 145876 in the amount of \$750 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached. \boxtimes

Respectfully submitted,

<u>OR</u>

TOTAL

TOTAL

Registration No. 27,075

Joel S. Armstrong Registration No. 36,430